

Product datasheet for **SC337441**

HECTD2 (NM_001284274) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HECTD2 (NM_001284274) Human Untagged Clone
Tag:	Tag Free
Symbol:	HECTD2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001284274, the custom clone sequence may differ by one or more nucleotides

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ATGAGTGAGGCGGTTCTGGGTACCTCGCCCGCCACTCCGCTGGTGGTGGCGGCGCCGCGCCTGAGGAGA
GGAAAGGGAAGGAGTCAGAGCGCGAGAAGCTGCCGCCATCGTATCGGCGGGCGCCGCGCGACCGCGGG
TTTGACAGAGGAGCCAAAGGCCAAATTTCCACTTTTCAGCAGTTTTATTTCAGCTGTTAGCCCGAAGAAA
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CACCAATTTGCCTTGATGTTAGACAAAAACAGCGTACATCTATGGATGCATCATATCCGAAATGAAGGC
CCCAGTCTTCCAGAACCTATTCTTCTATCCAGCCCAAACTGTGAAAGACTTTTCAGGAAGATGTAGAA
AAAGTTAAGTCATCAGGAGATTGAAAGCAGTACATGATTTTTATCTAACACGTTTGATTCTTTCCAG
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TAAATTTGTGAATGCTGTGTATGATACCTTACTTAATACTCTCAAGACGTTGAGAAGACAGTATTAAG
GGAATCATTAACAGCCTGTTACGAGAATGAAAGGTCCACGAACAAAAGATGATCTTAGAGCATATTTTA
TACTTTTACAGAATCCTCAGTTTAATAACACATCTACGTATGTCATCTATGCTCACTTGCTACGACAGAT
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CAGAAGAGGTTCAACAATTGGTAGAGAGATTGCTGCAATTTATTTCTTTACGCCTGTTTCTGCAAGC
CTGAAGAATTTCCACCTATAACAAAGTGTTCCTGGTGGATTCCATCAGCCGCTAAAGTGTGGCTTTACT
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ATTTGAAAAGAAAGTTAAAAGTTACATTTGTAGGGGAAGCTGGTTTGGATATGGGTGGTTTGACTAAAGA
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CACTGCCATTGGTTTAGCAGCTTTAAATGTGATAACTATTCTGAATTCGATTGGTTGGAATTTCTATGG
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CCCTCCCATCATTCCTAGTGATCAAAATATACCAGTAGGCATCTGCAATGTTACCGTGGACGACTTATGT
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TCTATTCAACATTTAGGTTTTTCAAGAAGAATTTGGAATAATCAAGTCTATAATTTAAAGCCCGGTGG
TGATAAAATTTAGTTACCAATCAAAATAGAAAAGAATATGTACAGCTTTATACTGACTTCTTCTGAAC
AAATCCATCTATAAGCAGTTTGCTGCATTTTATTATGGATTTATAGTGTGTGTGCTTCAATGCCCTAA
TGCTGCTTCGTCCAGAAGAGGTTGAAATTTTGGTCTGTGGAAGTCTGACCTGGATATGCATGCTCTGCA
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GGATTTCTCTTGATCTTCAAAAGAAGTTGCTACATTTTACTACAGGGAGTGACAGAGTACCTGTAGGAG
GGATGGCTGATTTGAAGTTTAAATCTCAAGAATGAACTTCTACTAAGTCTTACCTGTGGCCCATAC
CTGCTTCAATCACTTTGCCTTCCCCCTACAAGAGCAAAAAGGATCTGAAACAGAAATTGATCATTGGA
ATTTCAAATTCAGAAGGTTTGGACTTGAGTAA

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Restriction Sites: SgfI-MluI

ACCN: NM_001284274

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001284274.1, NP_001271203.1</u>
RefSeq Size:	4975 bp
RefSeq ORF:	2343 bp
Locus ID:	143279
UniProt ID:	<u>Q5U5R9</u>
Cytogenetics:	10q23.32
Protein Families:	Druggable Genome
Gene Summary:	Probable E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) represents the longest transcript and encodes the longest isoform (c).